SLOVENSKI STANDARD
oSIST prEN 13209-1:2017

01-maj-2017

Izdelki za otroke - Oprema za nošenje dojenčkov - Varnostne zahteve in preskusne metode - 1. del: Nahrbtniki z ogrodjem

Child care and care articles - Baby carriers - Safety requirements and test methods - Part 1: Framed back carrier

Artikel für Säuglinge und Kleinkinder - Kindertragen - Sicherheitstechnische Anforderungen und Prüfverfahren - Teil 1: Rückentragen mit Gestell

Articles de puériculture - Porte-bébés - Exigences de sécurité et méthodes d'essai - Partie 1 : Porte-enfants dorsaux avec armature

Ta slovenski standard je istoveten z: **prEN 13209-1**

ICS:

97.190	Otroška oprema	Equipment for children

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English Version

Child care and care articles - Baby carriers - Safety requirements and test methods - Part 1: Framed back carrier

Articles de puériculture - Porte-enfants - Exigences de sécurité et méthodes d'essai - Partie 1 : Porte-enfants dorsaux à armature

Artikel für Säuglinge und Kleinkinder - Kindertragen - Sicherheitstechnische Anforderungen und Prüfverfahren - Teil 1: Rückentragen mit Gestell

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 252.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 13209-1:2017) has been prepared by Technical Committee CEN/TC 252 “Child use and care articles”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 13209-1:2004.

1 Scope

This European Standard specifies the safety requirements and test methods for child back carriers with framed support to carry a child in an essentially seated position. Framed back carriers are intended for children from 6 months of age up to a maximum weight of 22 kg and are designed to be attached to a carer's torso allowing a hands-free operation e.g.: standing, walking.

If the framed back carrier has other functions not covered in this European Standard, reference should be made to the relevant European Standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-2:2011+A1:2014, *Safety of toys - Part 2: Flammability*

EN 71-3:2013+A1:2014, *Safety of toys – Part 3: Migration of certain elements*

EN ISO 14184-1, *Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO 14184-1)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
framed back carrier
product with a framed support designed to carry the child on the carer's back

3.2
freestanding framed back carrier
framed back carrier designed to stand unsupported

3.3
carer's attachment system
fastenings, straps and/or belts or similar parts which are fitted to the framed back carrier for the purpose of securing the product to the carer's torso

3.4
child restraint system
system incorporated into the framed back carrier in order to retain the child in the product

4 Test equipment

4.1 Small parts cylinder

Small parts cylinder with the dimensions specified in Figure 1.

Dimensions in millimetres

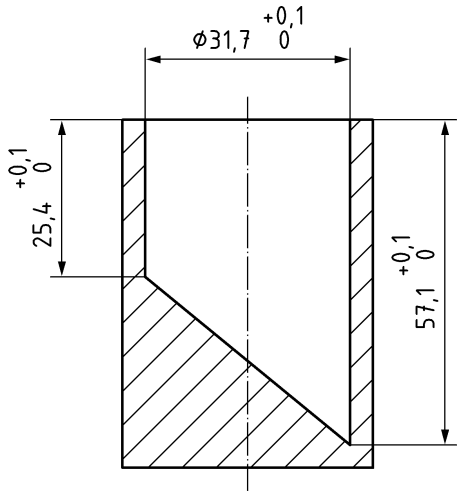

Figure 1 — Small parts cylinder

4.2 Feeler gauge

Gauge with thickness of (0,4 ± 0,02) mm, with the end to be inserted having a radius of approximately (3 mm ± 0,5), see Figure 2.

Dimensions in millimetres

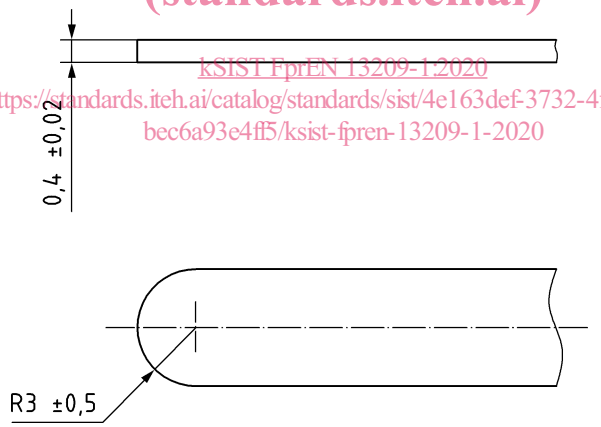

Figure 2 — Feeler gauge dimensions

4.3 Test torso

Rigid torso made from a hard smooth material with the dimensions specified in Figure 3 which is fitted on a rigid plate.

Dimensions in millimetres

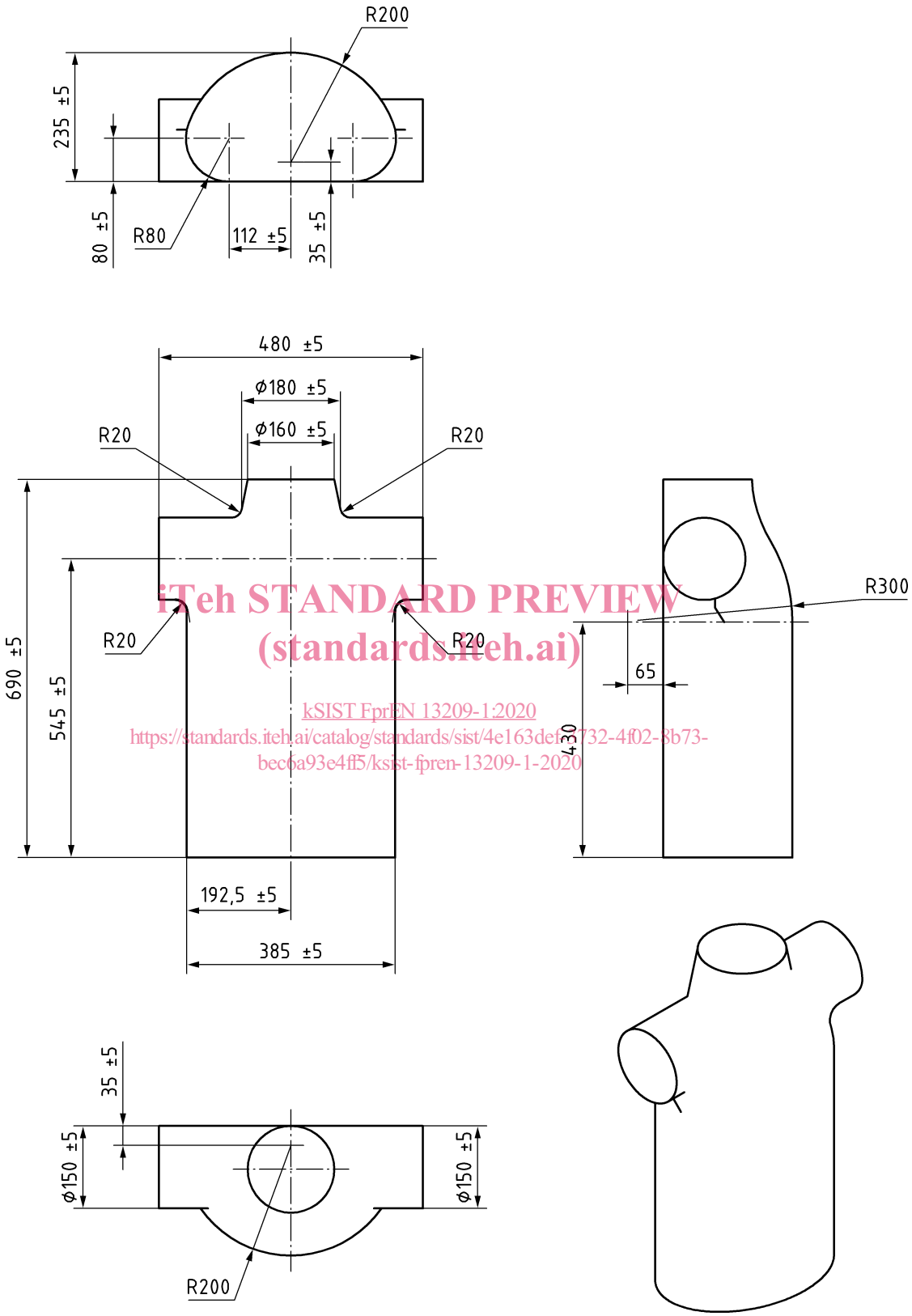

Figure 3 — Test torso

4.4 Test masses and dummy

4.4.1 Test mass A

Bag filled with sand to a total mass of 15 kg, the shape and size of which is adjustable so that it can be firmly restrained by the carrier.

4.4.2 Test mass B

Bag filled with sand to a total mass of 22 kg, the shape and size of which is adjustable so that it can be firmly restrained by the carrier.

4.4.3 Test mass C

Rigid cylinder (200 ± 5) mm in diameter and (300 ± 5) mm in height having a mass of (15 + 0,01/0) kg with its centre of gravity in the centre of the cylinder. All edges shall have a radius of (5 ± 1) mm. Two anchorage points shall be provided, positioned (150 ± 2,5) mm from the base and at 180° to each other around the circumference. See Figure 4.

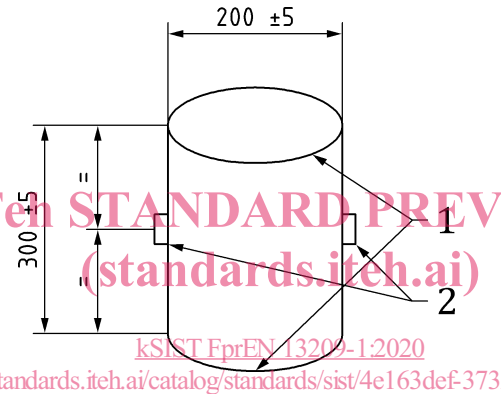

Figure 4 — Test mass C

4.4.4 Test mass D

Rigid cylinder (220 ± 5) mm in diameter and (320 ± 5) mm in height having a mass of (22 + 0,01/0) kg with its centre of gravity in the centre of the cylinder. All edges shall have a radius of (5 ± 1) mm. Two anchorage points shall be provided, positioned (160 ± 2,5) mm from the base and at 180° to each other around the circumference (see Figure 5).

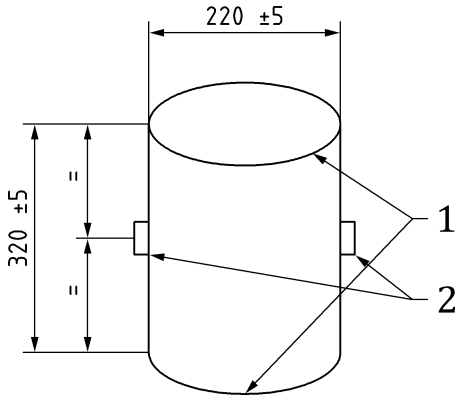

Figure 5 — Test mass D

4.4.5 Test mass E

Rigid cylinder (160 ± 5) mm in diameter and (300 ± 5) mm in height, having a mass of (9 + 0,01/0) kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of (5 ± 1) mm. Two anchorage points shall be provided, positioned (150 ± 2,5) mm from the base and at 180° to each other around the circumference as shown in Figure 4.

Dimensions in millimetres

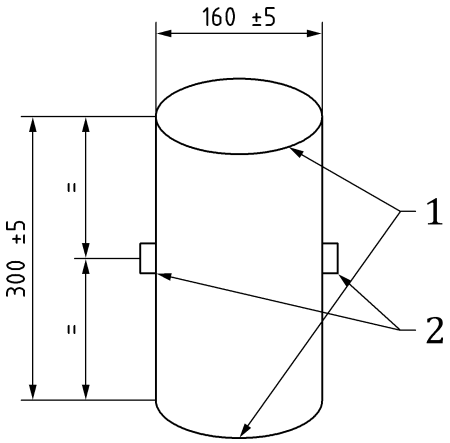

Figure 6 — Test mass E

4.4.6 Test dummy

Made of a rigid material with a smooth finish with a total mass of (9 ± 0,1) kg (see Figure 7).